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QUESTIONNAIRE : FOR FARMERS

PERSONAL DETAILS

Responded No.

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1. Name of project :
2. Name of the respondent :
3. Age of the respondent :
4. Marital status :
5. Family size of the respondent :
6. Age structure of the family of respondent :

Age of Category	MALE	FEMALE
>80		
71 - 80		
61 - 70		
51 - 60		
41 - 50		
31 - 40		
21 - 30		
11 - 20		
7 - 10		
<6		

7. **EDUCATION :**

- Qualification of the respondent :
- Name of institution attendant :



8. **EMPLOYMENT :**

(a) **Household members in permanent employment.**

AGE CATEGORY	NO.	TYPE OF SKILL
61 -70		
51 - 60		
41 - 50		
31 - 40		
21 - 30		
11 -20		

(b) **Household members casually employed**

AGE CATEGORY	NO.	TYPE OF SKILL
61 -70		
51 - 60		
41 - 50		
31 - 40		
21 - 30		
11 -20		

9. **INCOME :**

Members of the family contributing to the household income from outside earning.

	Number	Income (R)
Wife of the respondent		
Sons		
Daughters		
Others		



10. How much money (R) is derived from cropping

(Give estimates) :

11. How much money is spent on food/month :

12. How much on cloths/month :

13. Is there any other business that you have except farming

Yes	No.
-----	-----

If yes, give details :

.....

14. Are you part-time or full-time farmer :

PRODUCTION DETAILS

15. How many hectares are you ploughing:

16. How long have you being cropping:

17. What yield do you normally get from the crops that you produce:

Maize :

Sunflower :

Others (if any) :

18. How many hectares under :

Maize :

Sunflower :

Others (if any) :



19. How long have been producing :

Maize :

Sunflower :

Others (if any) :

20. Which farmers in the project do you have a regular contract with :

.....

21. Who do you consult regarding :

Maize

	Inside the project (Farmers)	Extent	Outside the project (Any body)	Extent
1. Buying of seed				
2. Buying of fertilizer				
3. Ploughing				
4. Planting				
5. Fertilization				
6. Weed control				
7. Pest control				
8. Disease control				
9. Harvesting				
10. Marketing				
11. Other matters				

To what extent do you take the advice regarding the above 21 (maize)

0. Never ever accept advice from anybody
1. Never accept advice from a person who seems not to be clear about his/her subject matter
2. Seldom accept advice
3. Sometimes do accept advice and put it into practice
4. Accept advice of a person who is clear about his subject matter and put it into practice
5. Mostly accept any advice or suggestions, evaluate it and put what is relevant into practice



Sunflower

	Inside the project (Farmers)	Extent	Outside the project (Any body)	Extent
1. Buying of seed				
2. Buying of fertilizer				
3. Ploughing				
4. Planting				
5. Fertilization				
6. Weed control				
7. Pest control				
8. Disease control				
9. Harvesting				
10. Marketing				
11. Other matters				

To what extent do you take the advice regarding the above 21 (sunflower)

- 0. Never ever accept advice from anybody
- 1. Never accept advice from a person who seems not to be clear about his/her subject matter
- 2. Seldom accept advice
- 3. Sometimes do accept advice and put it into practice
- 4. Accept advice of a person who is clear about his subject matter and put it into practice
- 5. Mostly accept any advice or suggestions, evaluate it and put what is relevant into practice

22. Are you helping each other with implements or advice

Yes	No
-----	----

On how to plant or which cultivars to plant

Explain :

.....

.....



23. What is the recommended plant population for :

Maize :

Sunflower :

24. What is your present plant population for

Maize :

Sunflower :

25. On how many occasions dit the Extension Officers tell you about the correct plant population for

Maize

Very often	Seldom
Very often	Seldom

Sunflower

26. How do you plant your crops

Maize

Very often	Seldom
Very often	Seldom

Sunflower

27. To what extent are you satisfied with your planting method ?

Scale of satisfaction

Maize

0 1 2 3 4 5
Not at all Satisfied Very much satisfied

Scale

Sunflower

0 1 2 3 4 5
Not at all Satisfied Very much satisfied



28. What is your planting depth?

Maize :

.....

Sunflower :

.....

29. What is your planting depth ?

Maize Scale □

0 1 2 3 4 5cm

Sunflower Scale □

0 1 2 3 4 5cm

30. To what extent are you satisfied with your planting depth ?

Maize Scale of satisfaction □

0 1 2 3 4 5cm

Not at all Very much

Sunflower Scale of satisfaction □

0 1 2 3 4 5cm

Not at all Very much

31. What is your usual planting date ?

Maize :

Sunflower :



32. What message did you get from Extension Officer concerning :

32.1 Broadcasting of seed

Maize :

32.2 Row planting

Maize :

Sunflower :

32.3. Incorrect planting depth

Maize :

Sunflower :

33. To what extent do you apply fertile at planting

	Scale of satisfaction					
Maize	_____					
	0	1	2	3	4	
	Not at all					Always

Please give details if you do not apply fertilizer at planting

.....

34. What is your application rate of fertilizer for

Maize :

Sunflower :

35. To what extent is your application rate based on recommendations for E.O ?



Scale

Sunflower _____

0	50	100%	<input type="checkbox"/>
Not at all		Always	

Please explain :.....

.....

.....

36. To what extent is your application rate based on recommendations from soil analysis ?

Scale

Maize _____

0	50	100%	<input type="checkbox"/>
Not at all		Always	

Scale

Sunflower _____

0	50	100%	<input type="checkbox"/>
Not at all		Always	

Please explain :.....

.....

.....

37. To what extent are you satisfied with your fertilizer programme ?

Scale

Maize _____

0	50	100%	<input type="checkbox"/>
Not satisfied		Very much satisfied	

Scale

Sunflower _____

0	50	100%	<input type="checkbox"/>
Not satisfied		Very much satisfied	

Please explain :.....

.....

.....



38. Overall, how efficient do you rate your fertilizer application ?

Maize

Scale

	0	1	2	3	4	5	
	Poor			Average		Very good	<input style="width: 40px; height: 20px;" type="checkbox"/>

Sunflower

Scale

	0	1	2	3	4	5	
	Poor			Average		Very good	<input style="width: 40px; height: 20px;" type="checkbox"/>

39. To what extent can you improve on your fertilizer application ?

Maize

Scale

	0	1	2	3	4	5	
	Never Improve			Improve		Improve much	<input style="width: 40px; height: 20px;" type="checkbox"/>

Sunflower

Scale

	0	1	2	3	4	5	
	Never Improve			Improve		Improve good	<input style="width: 40px; height: 20px;" type="checkbox"/>

40. What are you willing to do to improve on your fertilizer application ?

Maize :

.....

Sunflower :

.....

41. How do you control weeds

Maize	Herbicide	Hand	Not at all
Sunflower	Herbicide	Hand	Not at all



42. Could you explain why have you chosen the method ?

Maize :

.....

.....

Sunflower.....

.....

43. What did the E.O. tell you about the method that you have chosen ?

Maize :

.....

.....

Sunflower.....

.....

44. How often do you control pest ?

Maize

Scale					
0	1	2	3	4	5
Never					Always

If score is below two, please explain :

.....

.....

Sunflower

Scale					
0	1	2	3	4	5
Never					Always

If score is below two, please explain :

.....

.....



45. How do you control pest in

Maize :

.....

.....

Sunflower :

.....

.....

46. What did E. O. Tell you about pest control

Maize :

.....

.....

Sunflower :

.....

.....

47. How do you harvest your crops ?

Maize

Hand	Machinery	Combination
------	-----------	-------------

Sunflower

Hand	Machinery	Combination
------	-----------	-------------

48. Why do you use this method of harvesting ?

Maize :

.....

.....

Sunflower :

.....

.....



49. To what extent are you satisfied with this method ?

Scale

Maize

0	1	2	3	4	5
Dissatisfied					Very much satisfied

If score is below two, please explain ?

.....

.....

.....

Scale

Sunflower

0	1	2	3	4	5
Dissatisfied					Very much satisfied

If score is below two, please explain ?

.....

.....

.....

50. To what extent can you adjust machinery for :

50.1 Ploughing

Scale

Maize

0	1	2	3	4	5
Cannot adjust					No problem at all

Scale

Sunflower

0	1	2	3	4	5
Cannot adjust					No problem at all

50.2 Fertilizer application

Scale

Maize

0	1	2	3	4	5
Cannot adjust					No problem at all



Sunflower

Scale

0 1 2 3 4 5

Cannot adjust No problem at all

50.3 Harvesting

Maize

Scale

0 1 2 3 4 5

Cannot adjust No problem at all

Sunflower

Scale

0 1 2 3 4 5

Cannot adjust No problem at all

51. To what extent do your local E.O. help you with adjustments machinery at :

51.1 Ploughing

Maize

Scale

0 1 2 3 4 5

Never Always

Sunflower

Scale

0 1 2 3 4 5

Never Always

51.2 Fertilizer application

Maize

Scale

0 1 2 3 4 5

Never Always

Sunflower

Scale

0 1 2 3 4 5

Never Always

51.3 Harvesting

Maize

Scale

0 1 2 3 4 5

Never Always



Scale

Sunflower

0	1	2	3	4	5	
Never					Always	<input style="width: 40px; height: 20px;" type="checkbox"/>

52. What is the average rainfall of your area ? :

53. How often do rainfall disturb your farming activities during:

53.1 Ploughing

Maize	Never	Often	Always
-------	-------	-------	--------

Sunflower	Never	Often	Always
-----------	-------	-------	--------

53.2 Planting

Maize	Never	Often	Always
-------	-------	-------	--------

Sunflower	Never	Often	Always
-----------	-------	-------	--------

53.3 Harvesting

Maize	Never	Often	Always
-------	-------	-------	--------

Sunflower	Never	Often	Always
-----------	-------	-------	--------

54. **What problems have you encountered with early rains in**

Maize :

.....

.....

Sunflower :

.....

.....



55. What problems you have encountered with late rains in

Maize :
.....
.....

Sunflower :
.....
.....

56. Please explain how you get hold of your production inputs ?

1. Buy cash
2. Buy on credit
3. Payment in kind
4. Other
Maize

1. Buy cash
2. Buy on credit
3. Payment in kind
4. Other
Sunflower

Please list the inputs you purchase for :

Maize :
.....
.....

Sunflower :
.....
.....

57. To what extent did the E.O. inform you about

57.1 Importance of production inputs

Maize
Scale
0 1 2 3 4 5
Told nothing Told everything



Sunflower

Scale

0	1	2	3	4	5	
Told nothing			Told everything			

57.2 Handling crops at harvest

Maize

Scale

0	1	2	3	4	5	
Told nothing			Told everything			

Sunflower

Scale

0	1	2	3	4	5	
Told nothing			Told everything			

57.3 The danger of foreign material in your grain

Maize

Scale

0	1	2	3	4	5	
Told nothing			Told everything			

Sunflower

Scale

0	1	2	3	4	5	
Told nothing			Told everything			

57.4 Low soil potential

Maize

Scale

0	1	2	3	4	5	
Told nothing			Told everything			

Sunflower

Scale

0	1	2	3	4	5	
Told nothing			Told everything			

57.5 Land capacity



Scale

Maize

0	1	2	3	4	5	
Told nothing			Told everything			<input type="checkbox"/>

Scale

Sunflower

0	1	2	3	4	5	
Told nothing			Told everything			<input type="checkbox"/>

58. **What did the E.O. tell you about**

58.1 **Importance of production inputs**

Maize :

.....

.....

Sunflower:

.....

.....

58.2 **Handling of crops at harvest**

Maize :

.....

.....

Sunflower:

.....

.....

58.3 **The danger of foreign in grain**

Maize :

.....

.....



Sunflower:
.....
.....

58.4 Low soil potential

Maize :
.....
.....

Sunflower:
.....
.....

58.5 Land capacity

Maize :
.....
.....

Sunflower:
.....
.....

59 **Please indicate : How well you reckon you are faring, regarding :**

	Scale					
Maize	_____					
	0	1	2	3	4	
	Very bad					Excellent

- 1) How well you reckon you are faring, regarding
- 2) What can you do to improve the situation regarding :
- 3) What are you going to do to improve the situation regarding :



	RATE	WHAT CAN BE DONE	WHAT ARE YOU GOING TO DO
a) Fertilizer			
b) Pest control			
c) Weed control			
d) Handling of crops at harvest			
e) Occurrence of foreign material in grain			
f) To improving soil potential			

60. **What general problems do you have in producing**

Maize :

Sunflower:

61. **How do you address them**

Maize :



Sunflower:

.....

.....

62. To what extent can the E.O helping to solve cropping problems in

Maize

Scale

	0		1		2		3		4		5	
	Nothing at all										Can help to solve	

Please explain :

.....

.....

.....

63. What are your views with regards to cropping, in this area is it a viable enterprise or not? Please explain

Maize :

.....

.....

Sunflower:

.....

.....

64. To what extent do you consider this project a success ?

Scale

	0		1		2		3		4		5
	Not at all						Average			Very successful	



65. **Please describe what you consider a successful farming enterprise**

.....

.....

.....

.....

.....

66. **Success in farming**

66.1 Have you ever been successful in cropping

Yes	No
-----	----

66.2 Which year was that ?

.....

.....

.....

66.3 Why do you feel it was successful ?

.....

.....

.....

66.4 What is your annual gross farm income in cropping : R.....

66.5 What is your annual net farm income in cropping : R.....

66.6 Which crop(s) bring(s) better return for your farm

.....

.....

.....



66.7 To what do you ascribe your cropping success ?

.....

.....

.....

.....

66.8 To what extent Did the adoption of new innovations play a rôle in your success

Explain :

.....

.....

.....



**QUESTIONNAIRE : FOR FARMERS
PROJECT COMMITTEE**

PERSONAL DETAILS

1. Name of the project :

2. Name of the respondent (committee)	Name	Respondent No.
	-----	-----
	-----	-----
	-----	-----
	-----	-----
	-----	-----
	-----	-----

3. Age of the respondents	Respondent	Age
	-----	-----
	-----	-----
	-----	-----
	-----	-----
	-----	-----
	-----	-----

4. Size of the project committee -----

5. Marital status (committee) -----



6. Family size of the responder

Size

.....

.....

.....

.....

.....

.....

7. Age structure of the family of respondents.....

Name of respondent	Age Category	MALE	FEMALE
	> 80		
	71 - 80		
	61 - 70		
	51 -60		
	41 -50		
	31 - 40		
	21 - 30		
	11 - 20		
	7 - 10		
	> 7		

Name of respondent	Age Category	MALE	FEMALE
	> 80		
	71 - 80		
	61 - 70		
	51 -60		
	41 -50		
	31 - 40		
	21 - 30		
	11 - 20		
	7 - 10		
	> 7		



Name of respondent	Age Category	MALE	FEMALE
	> 80		
	71 - 80		
	61 - 70		
	51 -60		
	41 -50		
	31 - 40		
	21 - 30		
	11 - 20		
	7 - 10		
	> 7		

Name of respondent	Age Category	MALE	FEMALE
	> 80		
	71 - 80		
	61 - 70		
	51 -60		
	41 -50		
	31 - 40		
	21 - 30		
	11 - 20		
	7 - 10		
	> 7		



Name of respondent		FEMALE
	> 80	
	71 - 80	
	61 - 70	
	51 -60	
	41 -50	
	31 - 40	
	21 - 30	
	11 - 20	
	7 - 10	
	> 7	

Name of respondent	Age Category	MALE	FEMALE
	> 80		
	71 - 80		
	61 - 70		
	51 -60		
	41 -50		
	31 - 40		
	21 - 30		
	11 - 20		
	7 - 10		
	> 7		

8. EDUCATION:

NAME	QUALIFICATION	INSTITUTE ATTENDED



(a) Household members in permanent employment (committees)

Name of respondent	Age Category	No	Type of skill
	61-70		
	51-60		
	41-50		
	1-40		
	21-30		
	11-20		

Name of Respondent	Age Category	No	Type of skill
	61-70		
	51-60		
	41-50		
	1-40		
	21-30		
	11-20		

Name of Respondent	Age Category	No	Type of skill
	61-70		
	51-60		
	41-50		
	1-40		
	21-30		
	11-20		

Name of Respondent	Age Category	No	Type of skill
	61-70		
	51-60		
	41-50		
	1-40		
	21-30		
	11-20		



Name of Respondent	Age Category	No	Type of skill
	61-70		
	51-60		
	41-50		
	1-40		
	21-30		
	11-20		

Name of Respondent	Age Category	No	Type of skill
	61-70		
	51-60		
	41-50		
	1-40		
	21-30		
	11-20		

(b) Household members casually employed

Name of Respondent	Age Category	No	Type of skill
	61-70		
	51-60		
	41-50		
	31-40		
	21-30		
	11-20		

Name of Respondent	Age Category	No	Type of skill
	61-70		
	51-60		
	41-50		
	31-40		
	21-30		
	11 - 20		



Name of Respondent	Age Category	No	Type of skill
	61-70		
	51-60		
	41-50		
	31-40		
	21-30		
	11 - 20		

Name of Respondent	Age Category	No	Type of skill
	61-70		
	51-60		
	41-50		
	31-40		
	21-30		
	11 - 20		

Name of Respondent	Age Category	No	Type of skill
	61-70		
	51-60		
	41-50		
	31-40		
	21-30		
	11 -20		

Name of Respondent	Age Category	No	Type of skill
	61-70		
	51-60		
	41-50		
	31-40		
	21-30		
	11 -20		



10. **INCOME: (COMMITTEE)**

Members of the family contributing to the household income from outside earnings.

Name of respondent	Family Members	No	Income (R)
	Wife of respondent		
	Sons		
	Daughters		
	Others		

Name of respondent	Family Members	No	Income (R)
	Wife of respondent		
	Sons		
	Daughters		
	Others		

Name of respondent	Family Members	No	Income (R)
	Wife of respondent		
	Sons		
	Daughters		
	Others		

Name of respondent	Family Members	No	Income (R)
	Wife of respondent		
	Sons		
	Daughters		
	Others		

Name of respondent	Family Members	No	Income (R)
	Wife of respondent		
	Sons		
	Daughters		
	Others		



Name of respondent	Family Members	No	Income (R)
	Wife of respondent		
	Sons		
	Daughters		
	Others		

11. How much money (R) is derived from cropping
 (Give estimates).....

12. How much money is spent on food / month.....

13. How much on clothes/month.....

14. How long have you been together as committees.....

15. How long have you been together as project members :

16. What is the size of your membership(committee plus other project members) :.....

17. What problems do you have as committee members

18. What problems do you have with other members of the project



19. How do you solve them.....
.....
.....
.....

20. Is there any other business that you have except farming Yes No
(Committee)
If yes give details
.....
.....

21. Are you part-time / full- time farmers
.....

22. Which committees in other project in your area do you have a regular contact
with
.....

23. How often do you meet with other members of the project?
.....
.....

24. What do you discuss.....
.....
.....



PRODUCTION DETAILS:

(Response by whole committee members)

25. How many hectares are you ploughing.....

26. How long have you being cropping.....

27. What yield do you normally get from the crops that you produce

.....

Maize

.....

Sunflower

.....

28. How many hectares under.....

Maize.....

Sunflower.....

Others (if any).....

29. How long have you been producing

Maize

Sunflower.....

Others (if any).....

30. Who do you consult regarding

Maize



	Inside the project (Farmers)	Extent	Outside the project (Anybody)	Extent
1. Buying of seed				
2. Buying of fertilizer				
3. Ploughing				
4. Planting				
5. Fertilizer				
6. Weed control				
7. Pest control				
8. Disease control				
9. Harvesting				
10. Marketing				
11. Other matters				

To what extent do you take the advice regarding the above 21 (sunflower)

0. Never ever accept advice from anybody
1. Never accept advice from a person who seems not to be clear about his / her subject matter
2. Seldom accept advice
3. Sometimes do accept advices and put them into practice
4. Accept advices of a person who is clear about his subject matter and put them into practice
5. Mostly accept any advices or suggestions, evaluate them and put what is relevant into practice

31. What is the recommended plant population for

Maize

Sunflower



	Inside the project (Farmers)	Extent	Outside the project (Anybody)	Extent
1. Buying of seed				
2. Buying of fertilizer				
3. Ploughing				
4. Planting				
5. Fertilizer				
6. Weed control				
7. Pest control				
8. Disease control				
9. Harvesting				
10. Marketing				
11. Other matters				

To what extent do you take the advice regarding the above 21 (maize)

0. Never ever accept advice from anybody
1. Never accept advice from a person who seems not to be clear about his / her subject matter
2. Seldom accept advice
3. Sometimes do accept advices and put them into practice
4. Accept advices of a person who is clear about his subject matter and put them into practice
5. Mostly accept any advices or suggestions, evaluate them and put what is relevant into practice

Sunflower



32. What is your present plant population for

Maize

Sunflower

33. On how many occasions did the extension officer tell you about the correct plant population for

Maize

Very often	seldom
------------	--------

Sunflower

Very often	seldom
------------	--------

34. How do you plant your crops

Maize

Rows	Broadcast
------	-----------

Sunflower

Rows	Broadcast
------	-----------

35. To what extent are you satisfied with your planting method?

		Scale of satisfaction							
		—————					<input type="checkbox"/>		
Maize		0	1	2	3	4	5		
		Not at all				Very much			
				Scale					
		—————					<input type="checkbox"/>		
Sunflower		0	1	2	3	4	5		
		Not at all				Very much			



36 What are the advantages of your planting method?

Maize.....

.....

Sunflower.....

.....

37. What is your planting depth

Maize -----

Sunflower -----

37.1 To what extent are you satisfied with your planting depth

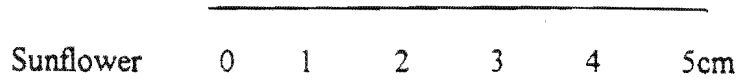
Scale

Maize 0 1 2 3 4 5cm





Scale



37.2 What is your planting date?

Maize.....

.....

.....

Sunflower.....

.....

.....

38. What message did you get from extension officer concerning:

38.1 Broadcasting of seed

Maize.....

.....

.....

Sunflower.....

.....

.....



38.2 Row planting

Maize.....

.....

.....

Sunflower.....

.....

38.3 Incorrect planting depth

Maize.....

.....

.....

Sunflower.....

.....

.....

38.4 Incorrect planting date

Maize.....

.....

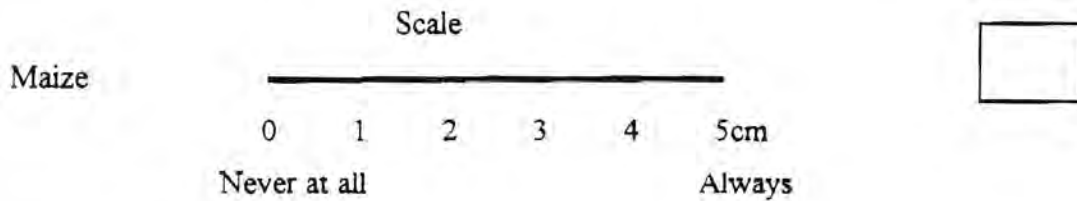


Sunflower.....

.....

.....

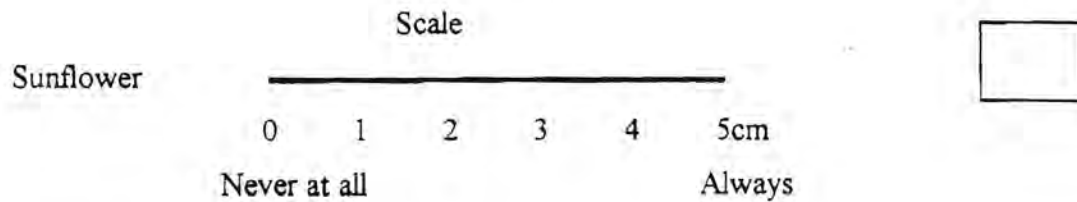
39. To what extent do you apply fertiliser at planting



Please give reasons if you do not apply fertilizer at planting

.....

.....



Please give reasons if you do not apply fertiliser at planting

.....

.....

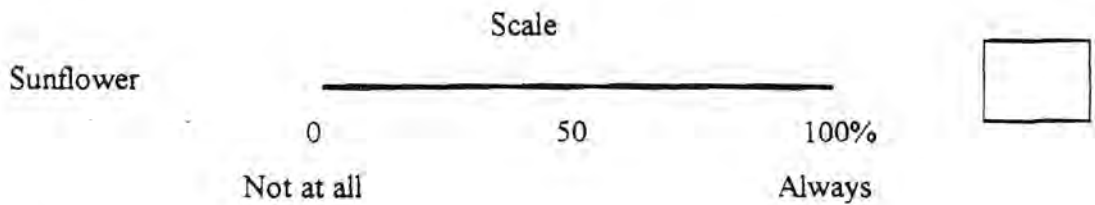
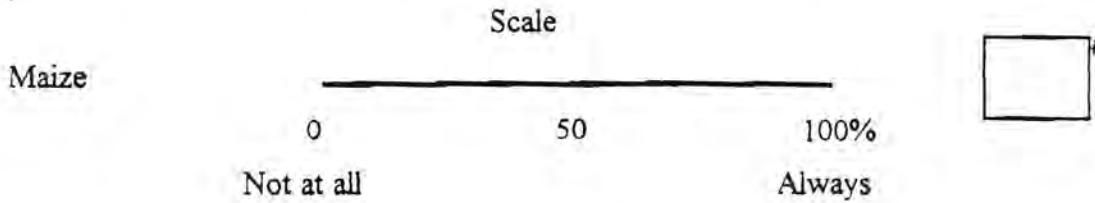


40. What is your application rate of fertiliser for

Maize.....

Sunflower.....

41. To what extent is your application rate based on recommendations from E.O?

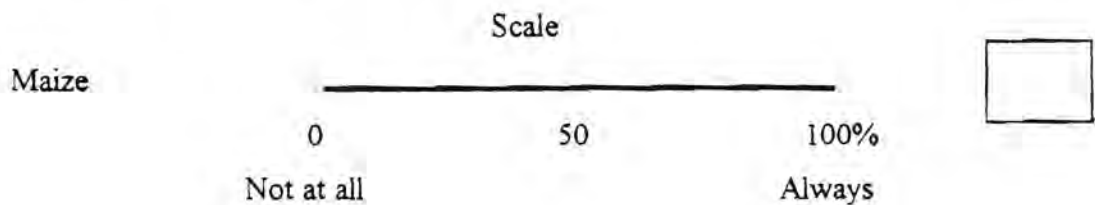


Please explain

.....

.....

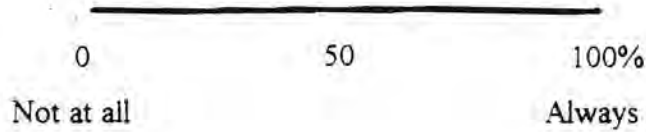
42. To what extent is your application rate based on recommendations from soil analysis?





Scale

Sunflower



Please explain

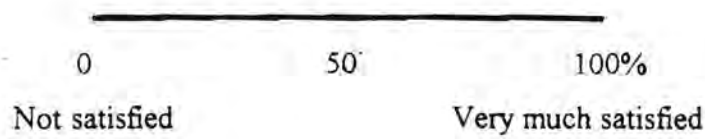
.....

.....

43. To what extent are you satisfied with your fertiliser programme?

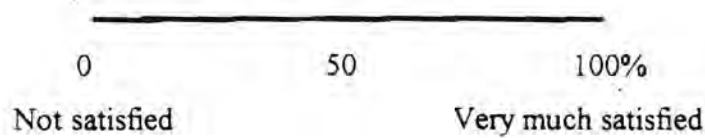
Scale at satisfaction

Maize



Scale

Sunflower



Please explain

.....

.....



44. Overall, how efficient do you rate your fertiliser application?

Scale

Maize 0 1 2 3 4 5

Poor Average Very good

Scale

Sunflower 0 1 2 3 4 5

Poor Average Very good

45. To what extent can you improve on your fertiliser application?

Scale of improvement

Maize 0 1 2 3 4 5

Never improve improve much
improve

Scale

Sunflower 0 1 2 3 4 5

Never improve improve much

46. What are you willing to do to improve on your fertiliser application?

Maize

.....



Sunflower.....

.....

47. How do you control weeds

Maize

Hand	Herbicide	Not at all
------	-----------	------------

Sunflower

Hand	Herbicide	Not at all
------	-----------	------------

48. Could you please explain why have you chosen the method?

Maize.....

.....

.....

Sunflower.....

.....

.....

49. What did the E.O. tell you about the method that you have chosen?

Maize.....

.....

.....



51. How do you control pests in

Maize

.....

Sunflower.....

.....

.....

52. What did E.O. tell you about pest control in

Maize

.....

.....

Sunflower

.....

.....

53. How do you harvest your crops?

Maize

Hand	Machinery	Combination
------	-----------	-------------

Sunflower

Hand	Machinery	Combination
------	-----------	-------------

54. Why do you use this method of harvesting?

Maize

.....
.....

Sunflower.....

.....
.....

55. To what extent are you satisfied with this method?

	Scale at satisfaction						
	—————					<input type="text"/>	
Maize	0	1	2	3	4	5	
	Dissatisfied				Very satisfied		

If score is below two, please explain

.....
.....

	Scale at satisfaction						
	—————					<input type="text"/>	
Sunflower	0	1	2	3	4	5	
	Dissatisfied				Very satisfied		



If score is below two, please explain

.....

.....

56. To what extent can you adjust machinery for:

56.1 Ploughing

		Scale							

Maize		0	1	2	3	4	5		
		Cannot adjust					No problem at all		<input type="text"/>

		Scale							

Sunflower		0	1	2	3	4	5		
		Cannot adjust					No problem at all		<input type="text"/>

56.2 Fertiliser application

		Scale							

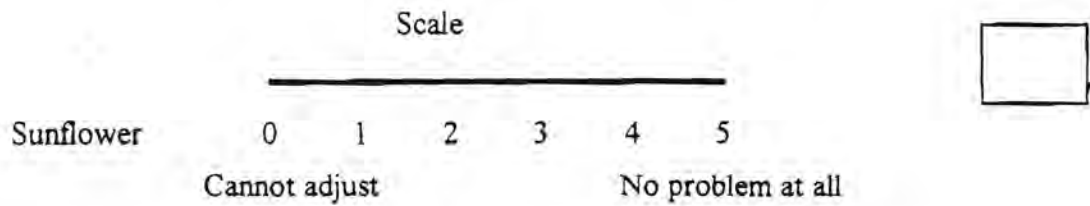
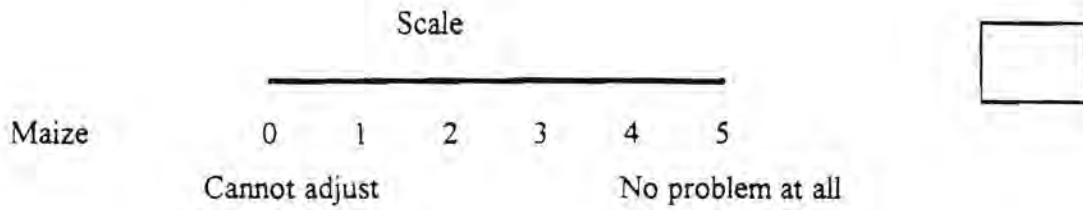
Maize		0	1	2	3	4	5		
		Cannot adjust					No problem at all		<input type="text"/>

		Scale							

Sunflower		0	1	2	3	4	5		
		Cannot adjust					No problem at all		<input type="text"/>

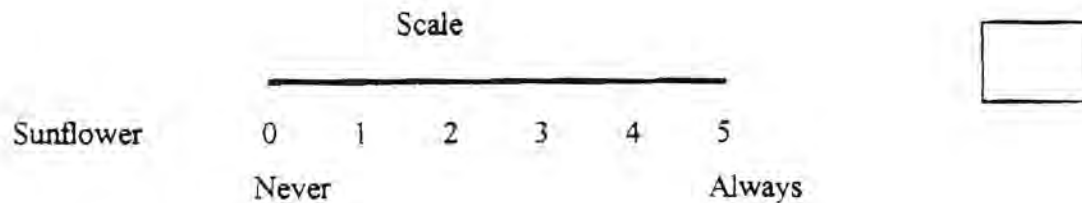
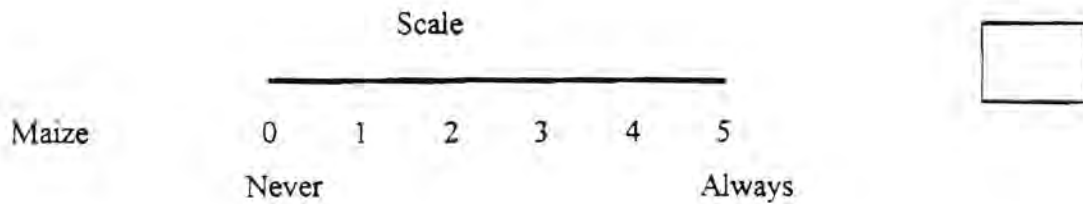


56.3 Harvesting

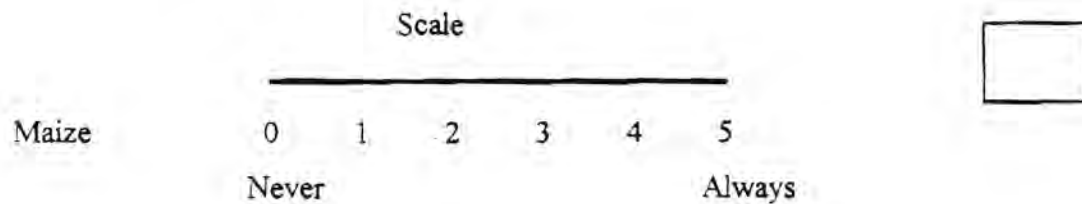


57. To what extent do your local E.O. help you with adjustments of machinery at:

57.1 Ploughing



57.2 Fertiliser application





Scale

Sunflower

0 1 2 3 4 5

Never Always

57.3 Harvesting

Scale

Maize

0 1 2 3 4 5

Never Always

Scale

Sunflower

0 1 2 3 4 5

Never Always

58. What is the average rainfall of your area?

59. How often do rainfall disturb your farming activities during:

59.1 Ploughing

Maize

Never	Often	Always
-------	-------	--------

Sunflower

Never	Often	Always
-------	-------	--------

59.2 Planting

Maize

Never	Often	Always
-------	-------	--------

Sunflower

Never	Often	Always
-------	-------	--------



59.3 Harvesting

Maize

Never	Often	Always
-------	-------	--------

Sunflower

Never	Often	Always
-------	-------	--------

60. What problems have you encountered with early rains in

Maize

.....

.....

Sunflower

.....

61. What problem you have encountered with late rains in

Maize

.....

Sunflower

.....



62. Please explain how you get hold of your production inputs?

- 1 Buy cash
- 2 Buy on credit
- 3 Payment in kind
- 4 Other

Maize

- 1 Buy cash
- 2 Buy on credit
- 3 Payment in kind
- 4 Other

Sunflower

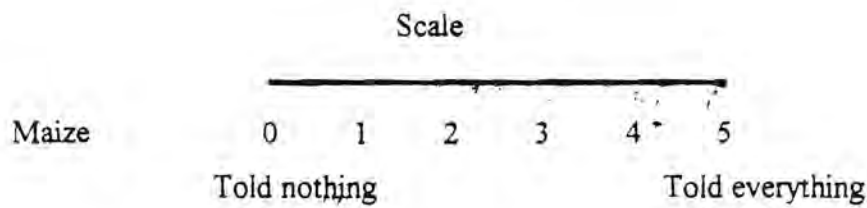
Please list the inputs you purchase for:

Maize

Sunflower

63 To what extent did the E.O. inform you about

63.1 Importance of production inputs





Sunflower

.....

.....

64.2 Handling of crops at harvest

Maize

.....

.....

Sunflower

.....

.....

64.3 The danger of foreign material in grain

Maize

.....

.....

Sunflower

.....



64.4 Low soil potential

Maize

.....

.....

Sunflower

.....

.....

64.5 Land capability

Maize

.....

.....

Sunflower

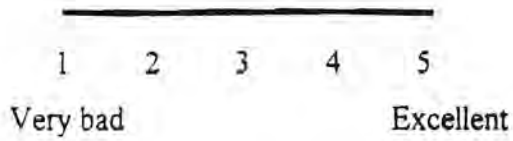
.....

.....

65. Please indicate: How well you reckon your faring , regarding:

Scale

maize

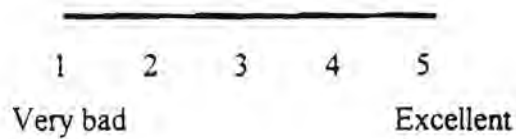


- 1) How well you reckon you are faring, regarding:
- 2) What can you do to improve the situation regarding:
- 3) What are you going to do to improve the situation regarding:

	Rate	What can be done	What I am going to do
a) fertilise application			
b) pest control			
c) weed control			
d) handling of crops at harvest			
e) occurrence of foreign material in grain			
f) to improving soil potential			

Scale

Sunflower





- 1) How well you reckon you are faring, regarding:
- 2) What can you do to improve the situation regarding:
- 3) What are you going to do to improve the situation regarding:

	Rate	What can be done	What I am going to do
a) fertilise application			
b) pest control			
c) weed control			
d) handling of crops at harvest			
e) occurrence of foreign material in grain			
f) to improving soil potential			

66. What general problems do you have in producing

Maize

.....

.....



Scale



Sunflower

0 1 2 3 4 5

Nothing at all

Can help to solve

Please explain

.....

.....

69 What are your views with regard to cropping, in this area is it a viable enterprise or not:
Please explain:

Maize

.....

.....

Sunflower

.....

.....

70 To what extent do you consider this project a success?

Scale



1 2 3 4 5 6 7 8 9 10

Not at all

Average

Very Successful



71. Please describe what you consider a successful farming enterprise

.....

.....

.....

.....

.....

72. SUCCESS IN FARMING

72.1 Have you ever been successful in cropping

Yes	No
-----	----

Account for your answer

.....

.....

.....

.....

.....

72.2 Which year was that



72.3 Why do you feel it was successful

.....

72.4 What is your gross Farm Income in cropping R.....

72.5 What is your net Farm Income in cropping R.....

72.6 Which crop(s) bring(s) better return for your farm.....

.....

.....

72.7 To what do you ascribe your cropping success?

.....

.....

.....

.....

72.8 To what extent did the adoption of new innovations play a role in your success?

Explain.....

.....

.....

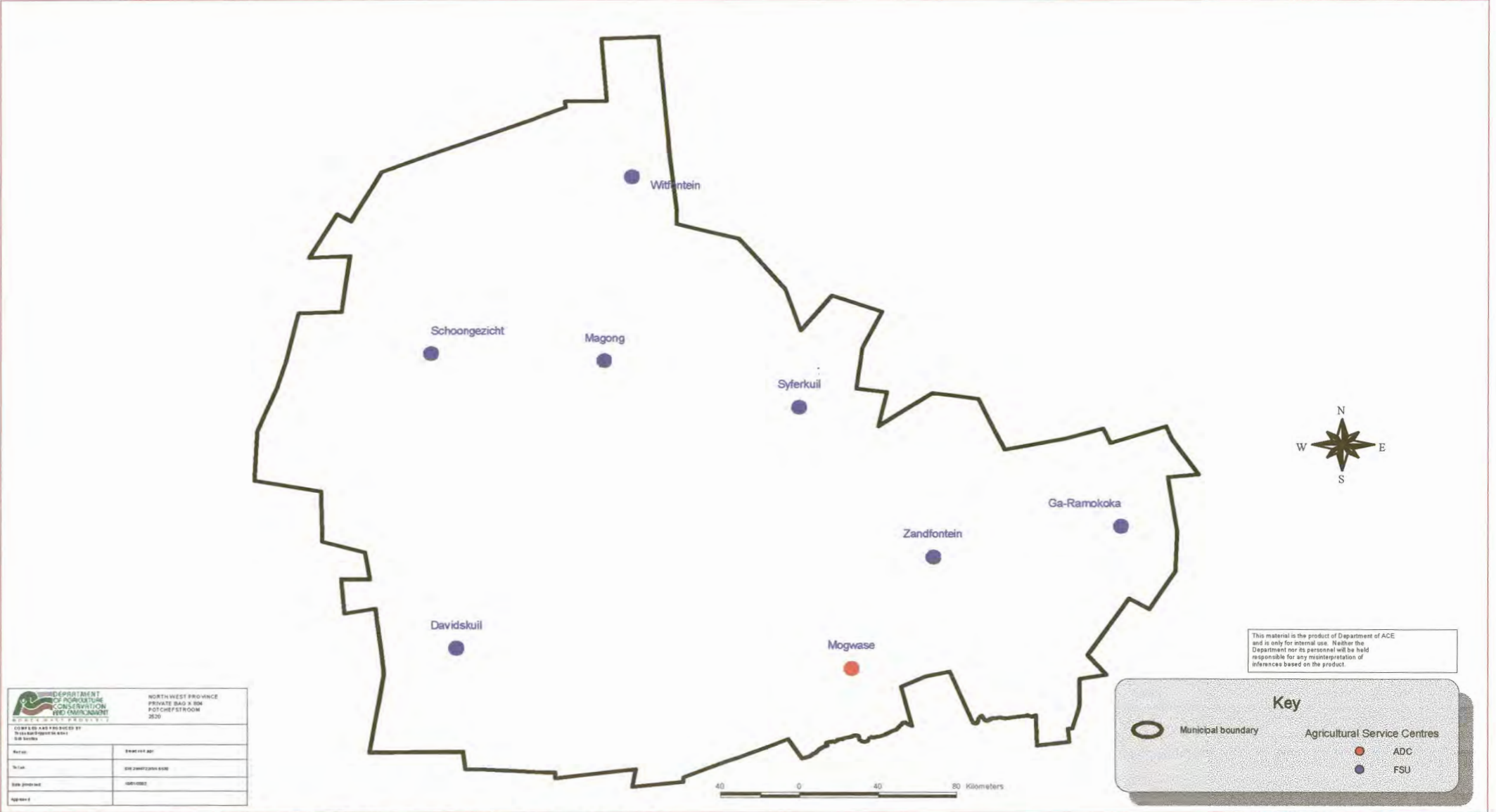


Figure 5.1 Location of ADC and FSU's in Mankwe district (2001)

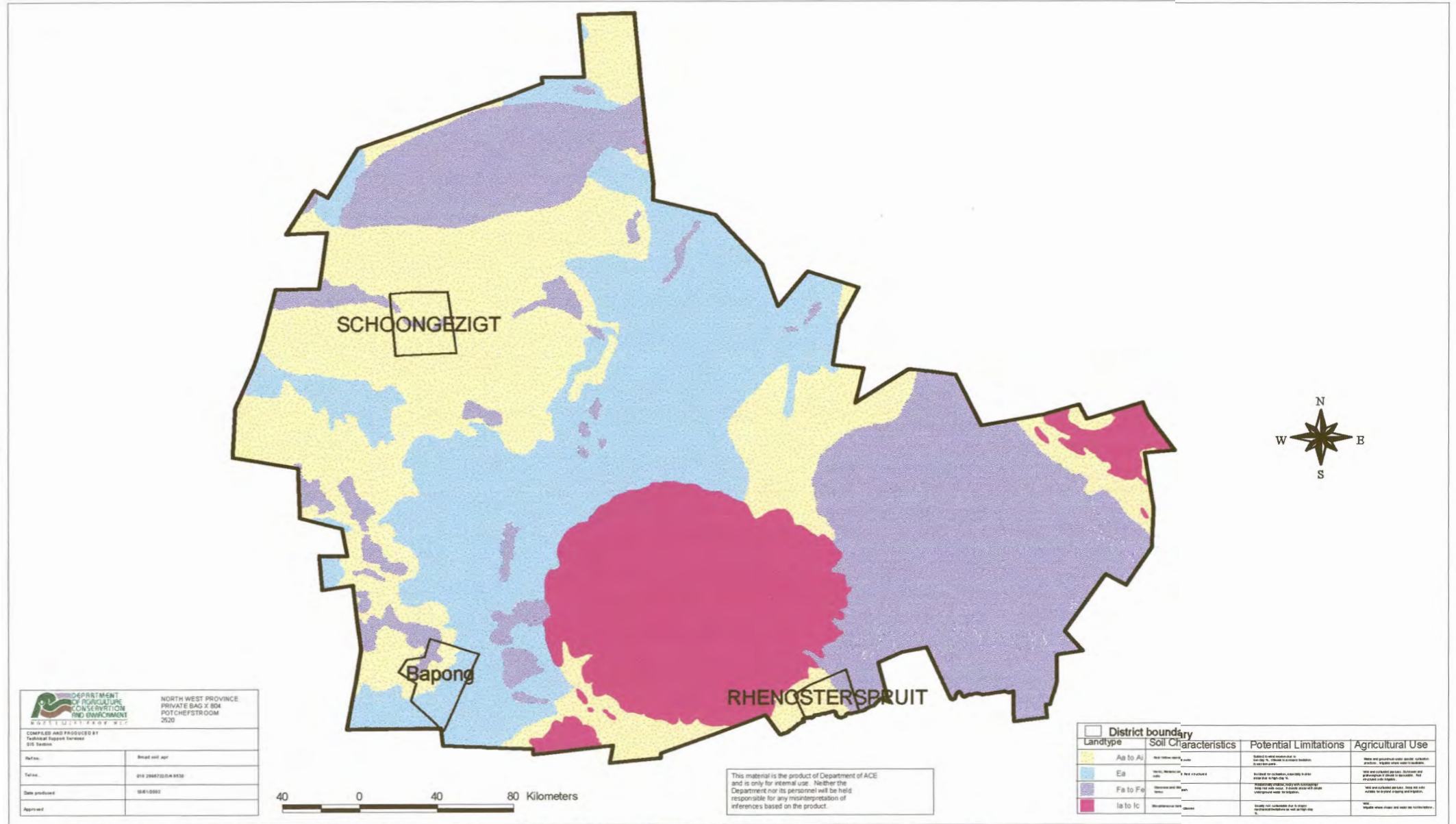


Figure 8.1 Broad soil patterns of Mankwe district (North West Province, RSA) 2001 Summary of Landtype according to soil characteristic

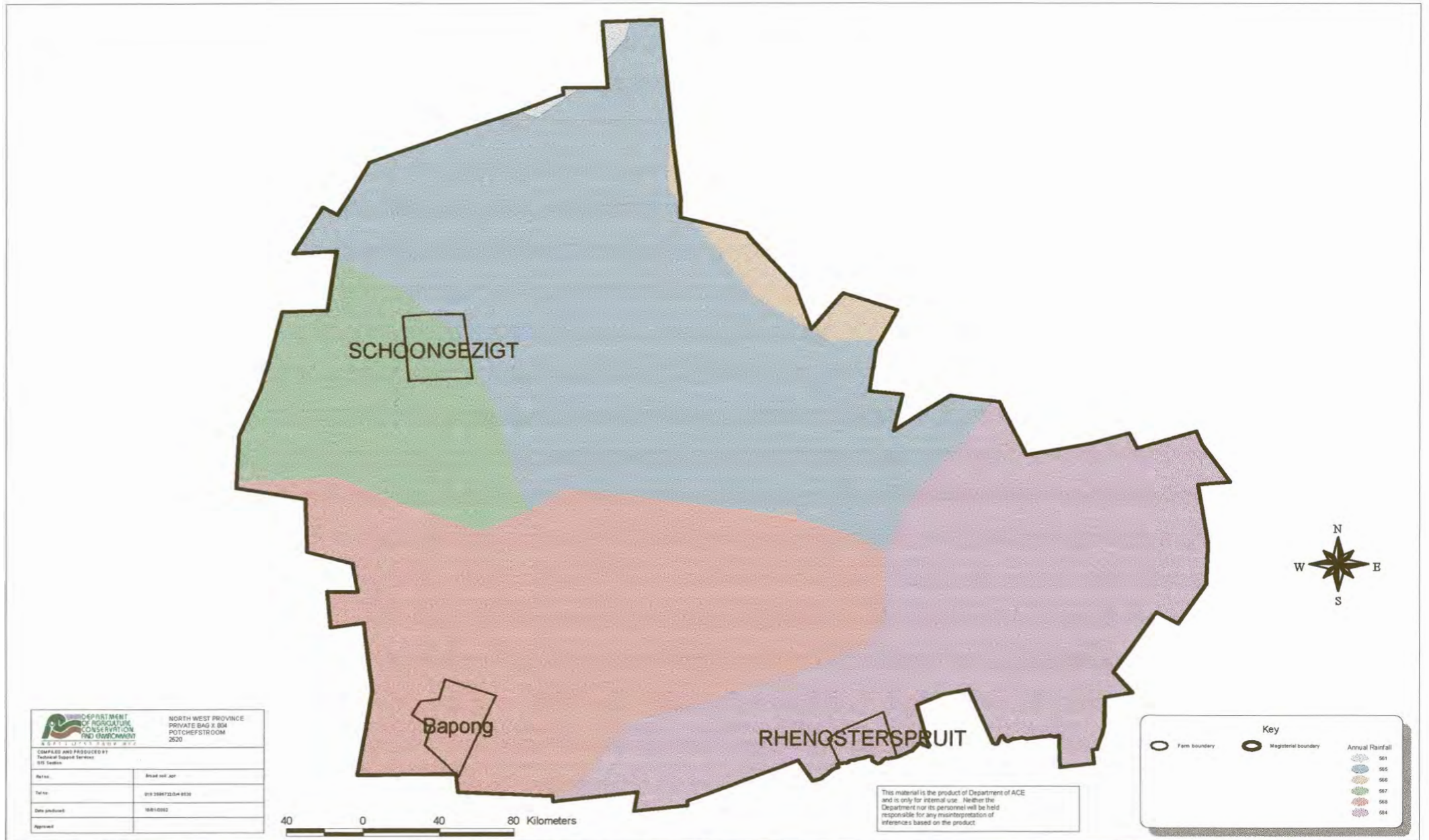


Figure 8.2 Climatic Zones of Mankwe district (North West Province, RSA) with specific reference to rainfall according to Mc Dent (2001)

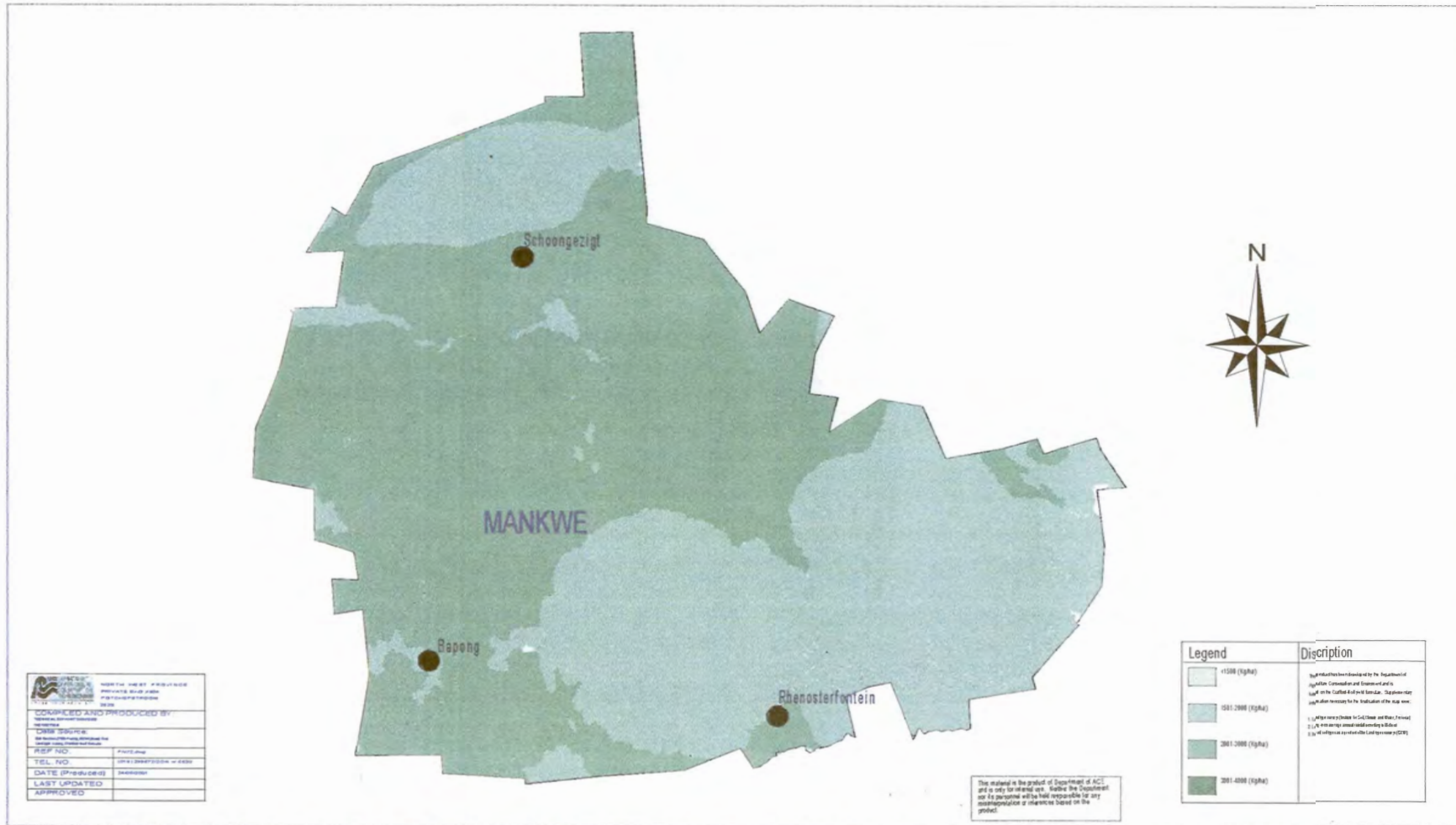


Figure 8.3 Calculated soil potential map for Maize in Mankwe district (North West Province, RSA) Based on long-term average rainfall Mc Dent (2001)

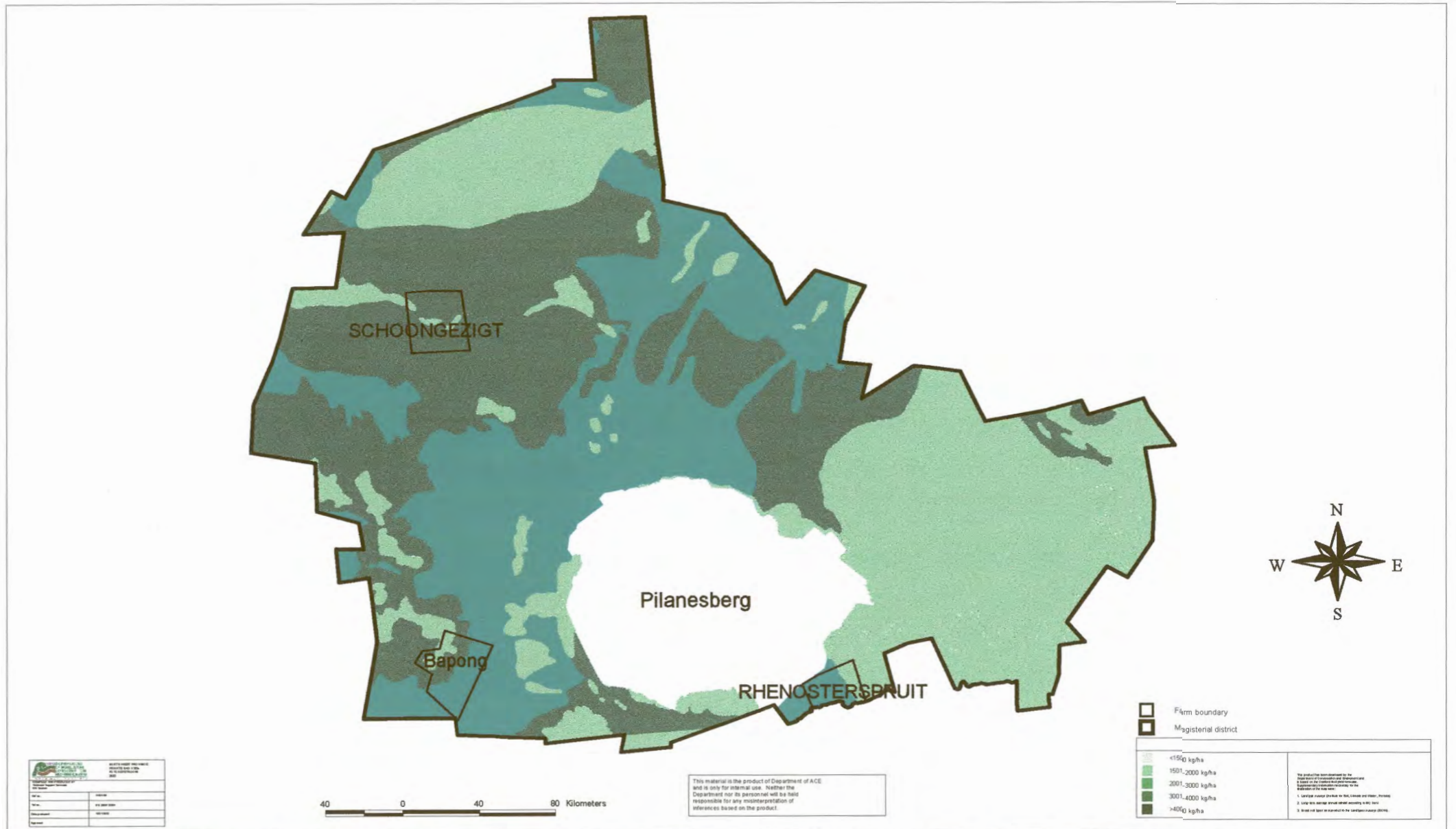


Figure 8.4 Calculated soil potential map for sunflower in Mankwe district (North West Province, RSA) Based on long-term average rainfall Mc Dent (2001)



Figure 5.1 Map of the Magisterial district of Mankwe